## PROJECT CONTACTS PHASE CHART **APS NOTES:** PROJECT DESCRIPTION 1 2 3 4 5 6 7 8 9 10 11 12 13 14 THE CONTACT PERSONS FOR DISTRICT #3 1. PUSH BUTTONS ARE TO BE LOCATED SO THAT THEY CAN BE I. GENERAL ARE AS FOLLOWS: ACTIVATED BY A PERSON IN A WHEELCHAIR REACHING LESS THAN 18" FROM A 60" X 60" LEVEL LANDING AREA WITH A CROSS SLOPE THIS PROJECT INVOLVES THE MODIFICATION OF THE EXISTING TRAFFIC SIGNAL MS. FELECIA MURPHY OF LESS THAN OR EQUAL TO 2%. INCLUDING APS. CPS AND BATTERY BACKUP AT THE INTERSECTION OF MD 193 ADE TRAFFIC, D3 2. THE 10' SEPARATION BETWEEN PUSH BUTTONS IS TO BE MEASURED AND MISSION DRIVE/EASTGATE S.C. IN PRINCE GEORGE'S COUNTY. MD 193 IS (301) 513-7409 FROM FACE OF PUSH BUTTON TO FACE OF PUSHBUTTON, NOT ASSUMED TO RUN IN AN EAST-WEST DIRECTION. CENTER TO CENTER OF POLE. MR. EDWARD RODENHIZER 3. PUSH BUTTON ARROWS ARE TO BE PARALLEL TO THE CROSSING II. INTERSECTION OPERATION CHIEF OF SIGNAL OPERATIONS FOR WHICH THEY ARE INTENDED. 1 + 5 CHANGE to 1 + 6, 2 + 5, or 2 + 6(410) 787–7650 4. LOCATION OF ACCESSIBLE PEDESTRIAN SIGNAL PUSHBUTTONS MUST THE INTERSECTION WILL OPERATE IN A NEMA SIX-PHASE, FULL-TRAFFIC-ACTUATED MODE. MEET LOCATION REQUIREMENTS OF MUTCD SEC. 4E.09 AND FIG. 4E.2 THERE IS EXCLUSIVE LEFT TURN PHASING FOR BOTH APPROACHES OF MD193. THE MD 193 MR. RICHARD DAFF AND THE NCHRP PUBLICATION, "ACCESSIBLE PEDESTRIAN SIGNALS: THROUGH MOVEMENTS WILL OPERATE CONCURRENTLY. THE MISSION DRIVE/EASTGATE S.C. DIVISION CHIEF, TOD GUIDE TO BEST PRACTICE". IF NOT MET, THE CONTRACTOR IS TO APPROACHES WILL OPERATE AS A "SIDE STREET SPLIT" WITH AN ALTERNATE PEDESTRIAN 1 CHANGE (410) 787-7630 STOP WORK ON PUSH BUTTON LOCATIONS UNTIL A DESIGN WAIVER PHASE FOR THE EASTGATE S.C. MOVEMENT. IS OBTAINED, APPROVED BY THE DIRECTOR, OFFICE OF TRAFFIC PHASE 2 + 5 MR. VICTOE GRAFTON AND SAFETY. UTILITY ENGINEER 5. APS WILL FUNCTION AS FOLLOWS: 5 CHANGE (301) 513-7350 PHASE 2 + 6 MR. VERNON STINNET TO CROSS MD 193 AT MISSION DRIVE ASSISTANT DISTRICT ENGINEER - MAINTENANCE (301) 513-7304 A. WHEN A PEDESTRIAN LOCATES AND PRESSES THE PUSHBUTTON FOR AN EXTENDED TIME, THE PUSHBUTTON UNIT WILL ANNOUNCE R R R R R G G DW DWPHASE 3 MR. KEVIN NOWAK THE FOLLOWING MESSAGE: MR. DUANE BERNARD "WAIT TO CROSS GREENBELT AT MISSION. WAIT." 3 CHANGE ADE CONSTRUCTION, D3 B. WHEN THE "WALK" PHASE BEGINS, THE MESSAGE WILL BE A RAPID (301) 513-7336 TICK WHICH WILL LAST FOR THE DURATION OF THE "WALK" PHASE. PHASE 4 POWER COMPANY REPRESENTATIVE: R -R -R R R R Y Y R R DW DW 4 CHANGE MR. BENNY WARD PHASE 4 ALT **BALTIMORE GAS & ELECTRIC COMPANY** 7317 PARKWAY DRIVE SOUTH HANOVER, MD 21076 R DW DW H /R| FL/R| FL/Y| FL/Y| FL/R| FL/R| FL/Y| FL/Y| FL/R| FL/R| FL/R| FL/R|DARK |DARK EQUIPMENT LISTS MAINTENANCE OF TRAFFIC B. EQUIPMENT TO BE FURNISHED AND INSTALLED BY THE CONTRACTOR THE FOLLOWING WORK ZONE TRAFFIC CONTROL STANDARDS SHALL BE USED FOR THE PROJECT: LUMP SUM MAINTENANCE OF TRAFFIC LUMP SUM MOBILIZATION STANDARD NO. MD-104.04-04 (LEFT LANE CLOSURE) TEST PIT EXCAVATION LUMP SUM REMOVE AND DISPOSE OF EXISTING EQUIPMENT STANDARD NO. MD-104.04-13 3 EA APS PUSHBUTTON AND ASSEMBLY (LEFT TURN BAY CLOSURE) 1 EA APS CENTRAL CONTROL UNIT 2 EA 16 INCH ONE WAY LED COUNTDOWN PEDESTRIAN SIGNAL STANDARD NO. MD-104.04-05 1100 LF PULL BACK AND REPOUTE EXISTING CABLE (RIGHT LANE CLOSURE) 1 EA INSTALL HANDHOLE ON EXISTING CONDUIT 900 LF ELECTRICAL CABLE - 3 CONDUCTOR (NO 18 AWG) FOR VIDEO DETECTION CAMERA 6 CY CONCRETE FOR SIGNAL FOUNDATION WIRING DIAGRAM SHEET ALUMINUM SIGNS 3 EA R10-3(1) (9"x15") PEDESTAL POLE MOUNT 3 EA R3-5(L) (30"x36") MAST ARM MOUNT +\_\_\_M,N,x 1 EA R3-6(L) (30"x36") MAST ARM MOUNT Π------2 EA M1-5(4) (78"x36") MAST ARM MOUNT 2 EA D3-2 (VARxi6") MAST ARM MOUNT NO 6 AWG STRANDED BARE COPPER GROUND WIRE 100 LF 3 INCH SCHEDULE 80 RIGID PVC CONDUIT - BORED 4 IN. SCHEDULE 80 RIGID PVC CONDUIT (BORED) 2 IN. SCHEDULE 80 RIGID PVC CONDUIT (TRENCHED) 60 LF 3 IN. SCHEDULE 80 RIGID PVC CONDUIT (TRENCHED) 400 LF 50 LF 4 IN. SCHEDULE 80 RIGID PVC CONDUIT (TRENCHED) METERED SERVICE PEDESTAL 1 EA 4 EA NON-INVASIVE MICRO LOOP DETECTORS (3 PER SET) WITH 1000 FT LEAD-IN CABLE 9 EA ELECTRICAL HANDHOLE VIDEO DETECTION CAMERA, TERRA TYPE VIDEO INTERFACE EQUIPMENT / RACK WIRING KEY 1 EA STEEL POLE WITH TWIN 50 FOOT AND 70 FOOT MAST ARMS 250 WATT HIGH PRESSURE SODIUM LAMP, LUMINAIRE AND PHOTOCELL 1 EA 8 EA GROUND ROD 3/4 INCH DIAMETER X 10 FOOT LENGTH A.B.C \ 7 CONDUCTOR ELECTRICAL CABLE 12 INCH LED VEHICULAR TRAFFIC SIGNAL HEAD SECTION 38 EA A,AA,CC,DD (NO. 14 AWG) B,C,D,O,Q ELECTRICAL CABLE - 2 CONDUCTOR (NO. 14 AWG) 350 LF EX(4)a,d,x ~ AA,CC,DD BB,EE,FF,b,c,x F,G,H,J,K \ 5 CONDUCTOR ELECTRICAL CABLE 500 LF ELECTRICAL CABLE - 5 CONDUCTOR (NO. 14 AWG) (NO. 14 AWG) L,M 🗸 950 LF ELECTRICAL CABLE - 7 CONDUCTOR (NO. 14 AWG) A,EX(4) 200 LF ELECTRICAL CABLE - 2 CONDUCTOR (NO. 12 AWG) a,d,x 2 CONDUCTOR ELECTRICAL CABLE 150 LF ELECTRICAL CABLE - 3 WIRE (NO. 8 AWG) (NO. 14 AWG) 1 EA 20 FOOT LIGHTING ARM ON SIGNAL STRUCTURE A,EX(4) 1 EA NEMA SIZE 5 BATTERY BACKUP CABINET WITH UPS EQUIPMENT 2 CONDUCTOR ELECTRICAL CABLE TRAY CABLE a,d,x POLICE FOR TRAFFIC CONTROL (NO. 12 AWG) 1 LS CONCRETE TESTING A,AA,CC,DD VIDEO CAMERA CABLE EX(4)a,d,x STATE OF MARYLAND B,C,D,O,Q EXISTING INTERCONNECT CABLE DEPARTMENT OF TRANSPORTATION BB,EE,FF,b,c,x STATE HIGHWAY ADMINISTRATION NON-INVASIVE MICRO LOOP PROBES OFFICE OF TRAFFIC & SAFETY **~** Q, EX(1) A,AA,CC,DD TRAFFIC ENGINEERING DESIGN DIVISION EX(4)a,d,x NO. 6 AWG STRANDED BARE COPPER GROUND WIRE BGE 521685 MD 193 at Mission Drive / Eastgate S.C. 1 REDLINE REVISION NO.1 A.B.C.D.L.M Glenn Dale, MD. 3 WIRES, 1 CONDUCTOR ELECTRICAL CABLE N,O,P,EX(3) — (NO. 8 AWG THHN/THWN) AA,BB,CC,DD,EE FF,a,b,c,d,x GENERAL INFORMATION SHEET UNDERGROUND BY OTHERS DESCRIPTION REVISE AND REPLACE WITH NEW PLAN OF WORK SHEETS, ADDED BATTERY BACKUP CABINET CONTRACT NO. BW996M82 SCALE NTS DATE \_\_\_3/2012 EXISTING SIGNAL CABLES TO BE UTILIZED Ŀ<sub>E,X</sub> (EXISTING NUMBER OF CABLES IN CONDUIT RUN) PRINCE GEORGE'S COUNTY DESIGNED BY 16019310.05 DRAWN BY GROUND ROD These plans are approved for construction for a CHECKED BY T.I.M.S. NO.\_ period of one (1) year from date of approvals. Should construction not begin within this time limit these TOD NO. F.A.P. NO. documents shall become null and void without a reviEX from the SHA's Traffic Engineering Design Division. 3327B SHEET NO. 3 OF 9 T.S. NO.

...